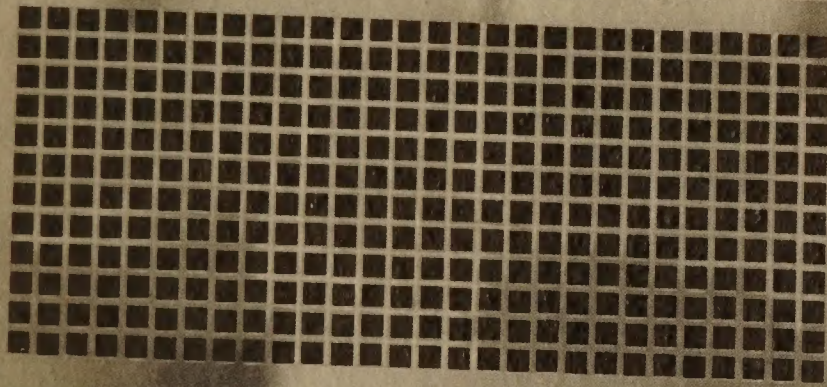
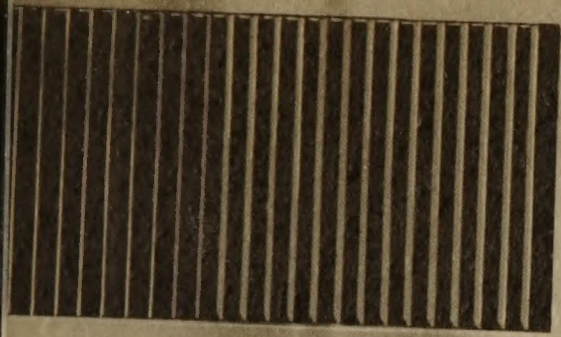


**AIR-CONDITIONING
GRILLES
OF DISTINCTION**



Wise, indeed, is the owner who decides to air condition his home; for certainly no comparable investment will return such rich dividends in comfort, convenience, and health.

Thoroughly practical in its present highly perfected state, Air Conditioning automatically provides not only the ideal temperature for comfort in every part of the home, but, in addition, the means of properly humidifying, cleansing, and freshening the air; of ventilating every room through frequent air changes; of eliminating dryness, staleness, dirt, and fumes; and of overcoming the excessive heat of summer's torrid days. The **modern** home is Air Conditioned and your investment in your home is more secure with air conditioning. In brief, Air Conditioning provides luxurious comfort combined with health and investment protection, and it keeps the home clear of space-wasting radiators. Its cost, in comparison with its benefits, is little indeed.

In the successful operation of Air Conditioning, the modest grilles* play an important part. It is through them that the air from the conditioning unit is distributed, and they must be properly engineered and constructed to function efficiently and noiselessly. Moreover, since they are the one part of the system that is on display, it is essential that they present a pleasing appearance.

Since there is no one type of grille which answers the requirements of each and every installation, this brochure presents seven distinct designs, each painstakingly engineered to answer certain requirements. These designs are illustrated and briefly described on the following pages.

Manufacturers of grilles of outstanding quality for thirty-seven years, Hart & Cooley Manufacturing Co. today leads the field in grilles and registers designed in scientific accord with Air Conditioning progress.

* The technical distinction between a grille and a register is that a grille has no provision for controlling the volume of air, whereas a register has a valve for this purpose. For the sake of simplicity, the term "grille" will be used throughout this brochure.

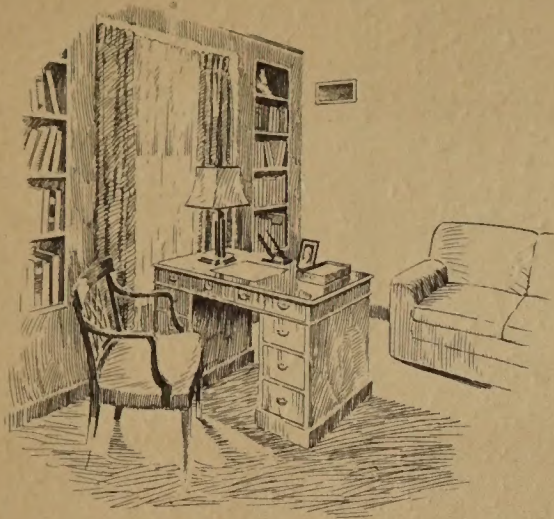


HART & COOLEY MANUFACTURING CO.
Engineering Office and Factory — HOLLAND, MICHIGAN

Sales Offices

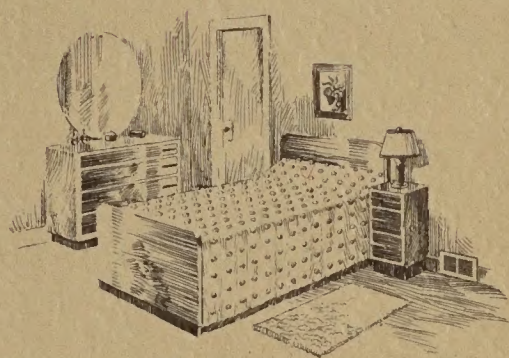
CHICAGO
61 W. Kinzie Street

PHILADELPHIA
1600 Arch Street



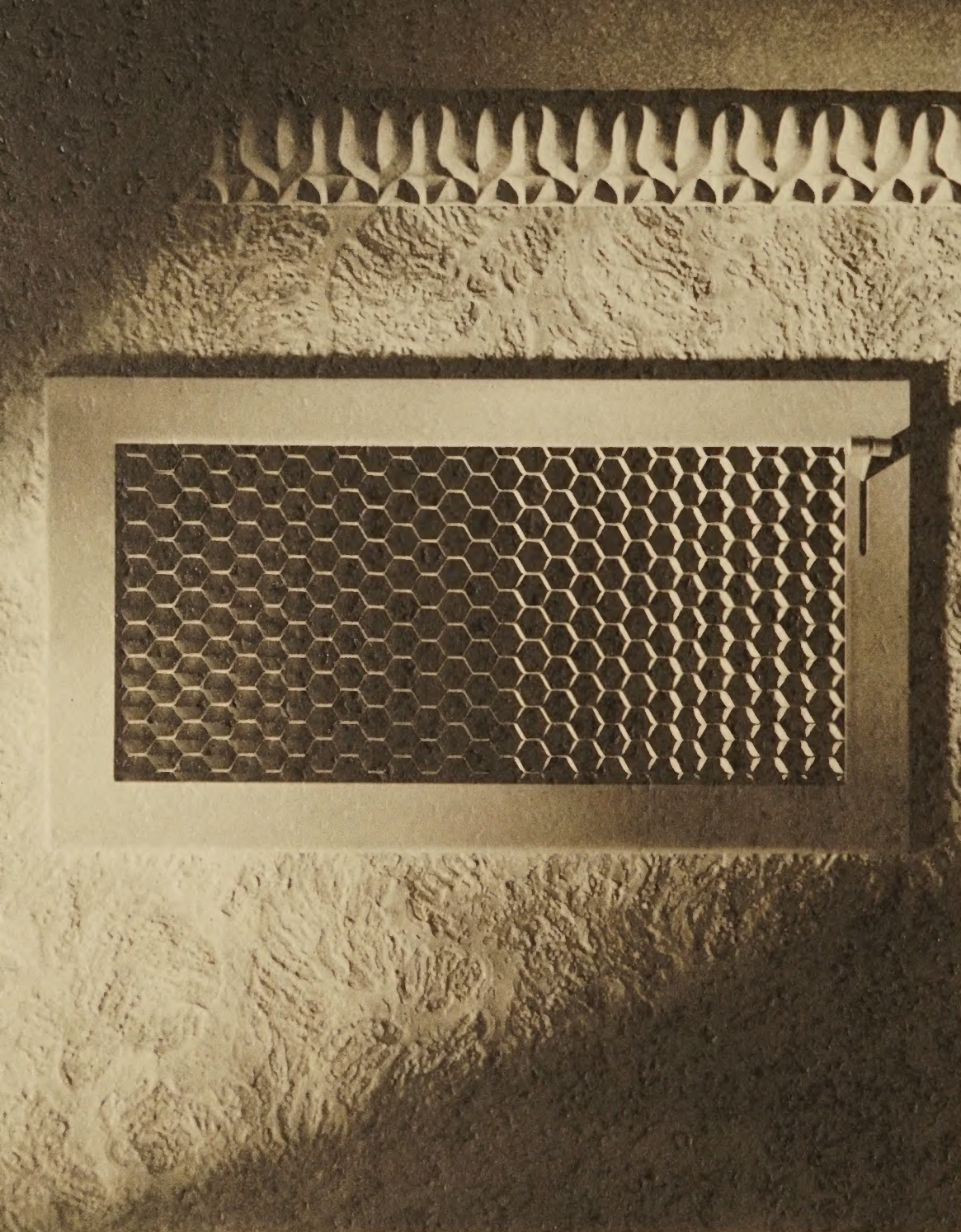
H&C Air Conditioning Grilles occupy very little space, and are designed to be as inconspicuous as possible. Yet very careful attention has been given to every detail affecting the appearance of the grille itself, as well as to its mechanical construction.

The baked "Prime Coat" finish in which these grilles are regularly furnished affords a perfect base for decorating; consequently their unobtrusiveness may be further promoted by treating the face and margins of

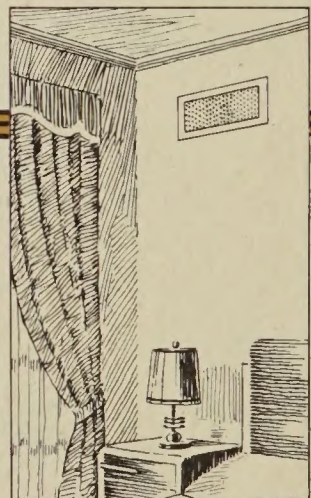


the grille in the same manner in which the surrounding wall is decorated.

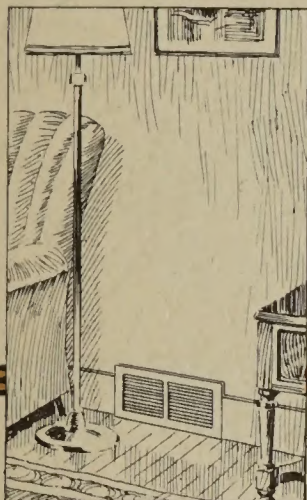
All of the grilles shown in this brochure are available with suitable frames for sidewall or baseboard installation. Hence in viewing the various grilles on the following pages, it should be kept in mind that all those shown as baseboard installations also can be had for sidewall installation, or vice versa.



No. 90

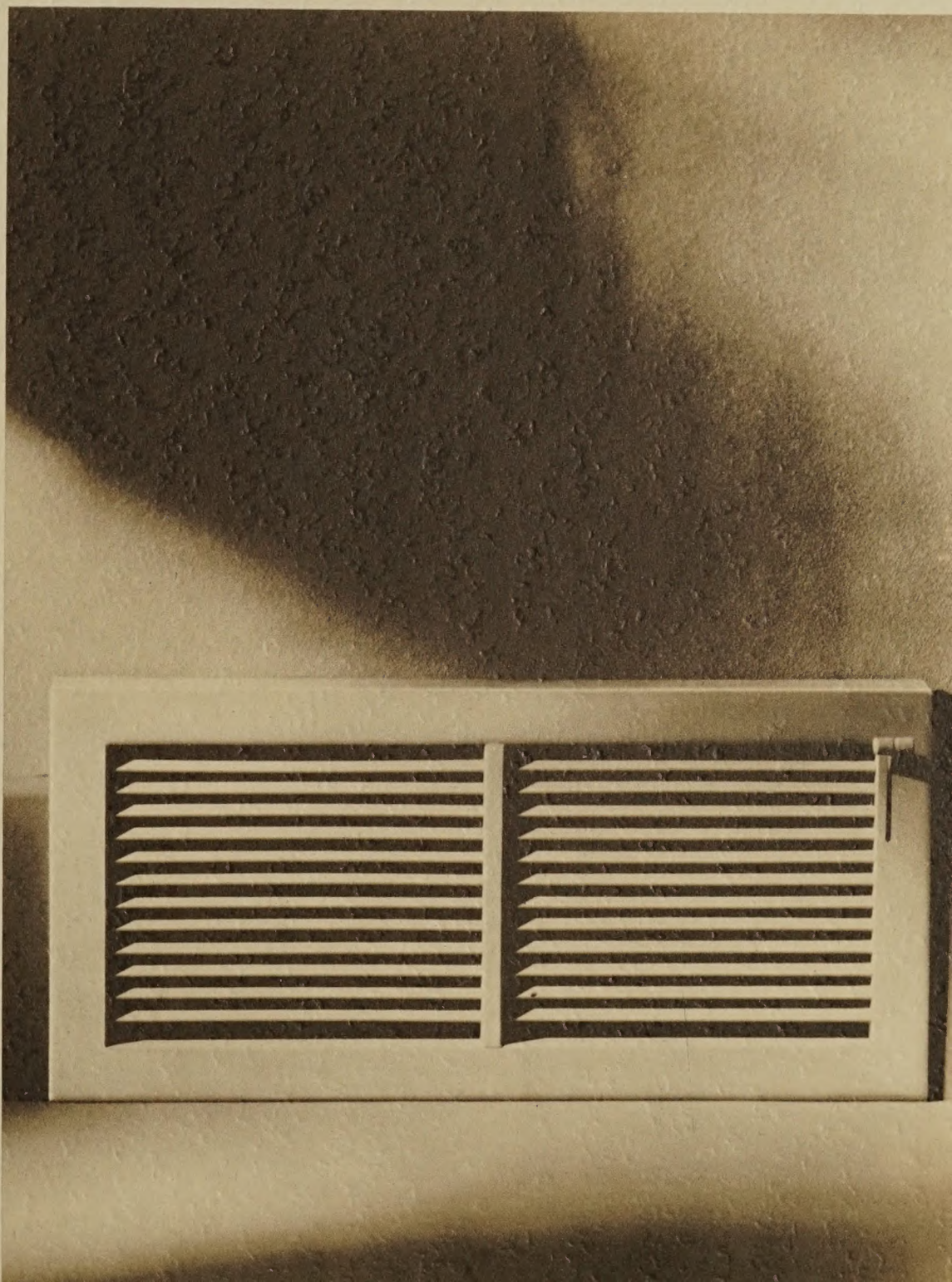


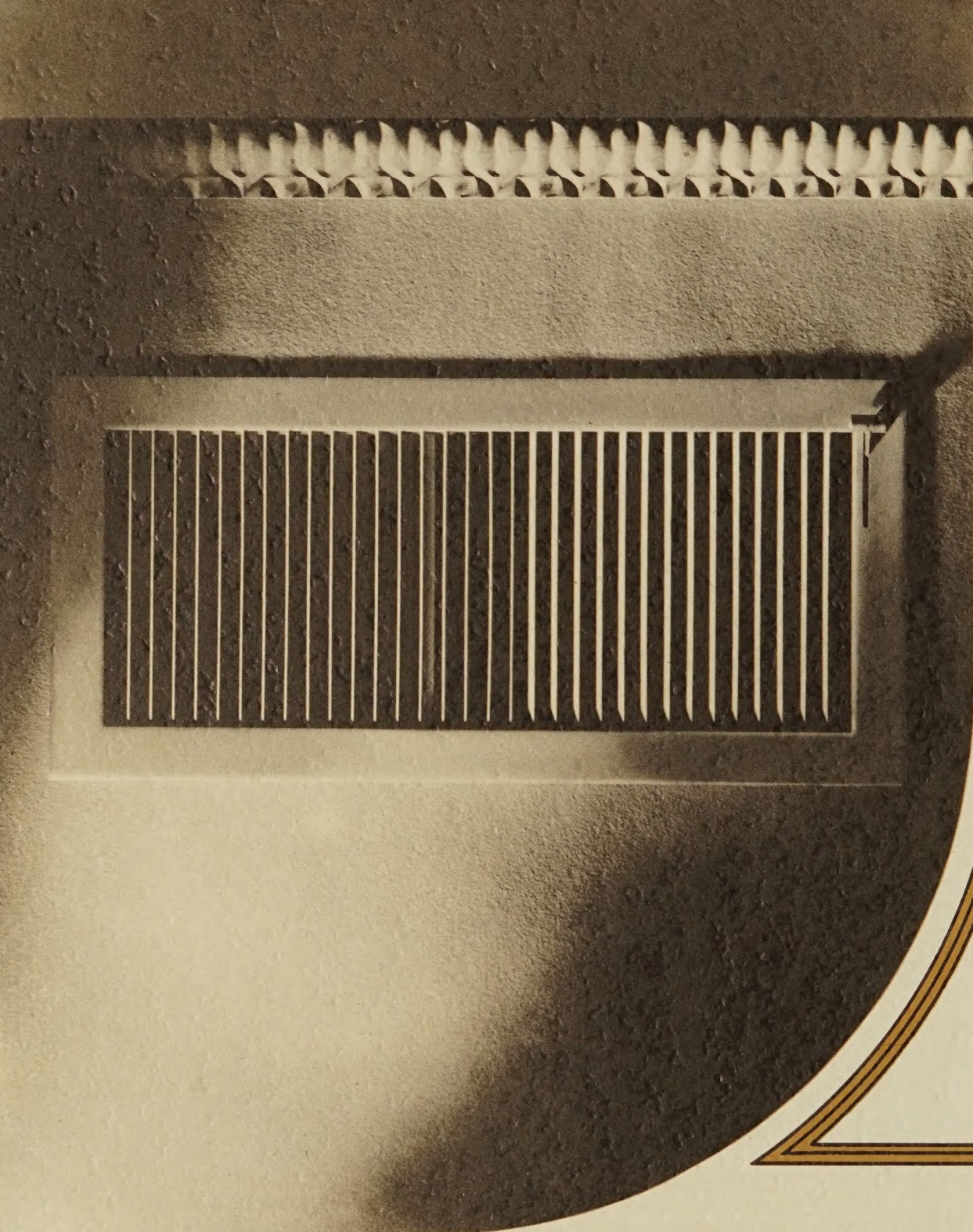
The hexagonal openings of No. 90 Grille form a design which is both pleasing in appearance and exceedingly practical. The feature which makes this grille outstanding is that the grooves may be shaped to give **any desired direction** to the air flow. The one-inch depth of the grille core **keeps the air stream in a horizontal plane**. Hence in this grille we have DUAL CONTROL of the air flow — a very important factor in securing uniformity of room temperature and a feature exclusive with this design. When installed in a high sidewall location, the depth of this grille prevents the air flow from striking the ceiling; it also effectively conceals the ductwork. In performance No. 90 is unequalled by any other grille.

**No. 85**

with
SECTIONAL ADJUSTMENT

No. 85 Grille is ideal for all installations where it is necessary to direct the air in either an upward or downward plane. The bars are adjustable to any angle, up or down. When installed in a high sidewall location, a slight downward adjustment of the bars will level out the air stream, affording more even temperature distribution and concealing the duct-work. The simplicity and quiet dignity of this grille appeal strongly to the home owner.

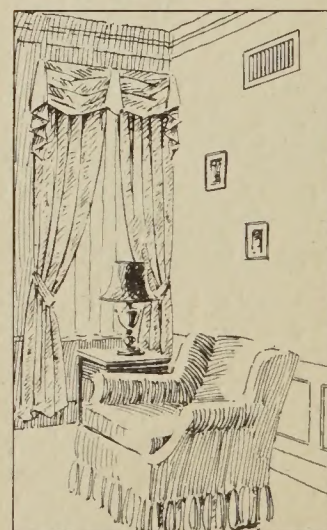


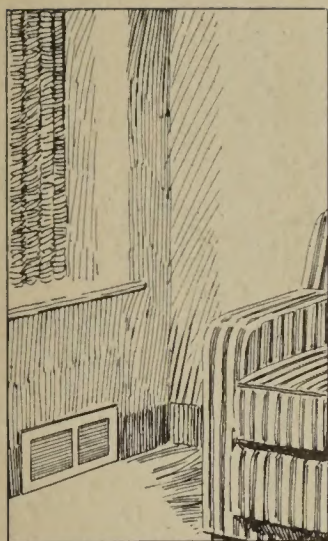


No. 84

with
SECTIONAL ADJUSTMENT

No. 84 Grille combines exceptionally attractive, modernistic appearance with provision for readily securing any desired control of the air flow to right, left, straight ahead, or in any combination of these directions. This makes it a simple matter for your heating contractor to adjust the grille so as to secure the most effective air distribution. The narrow spacing of the bars provides very satisfactory concealment of the duct.



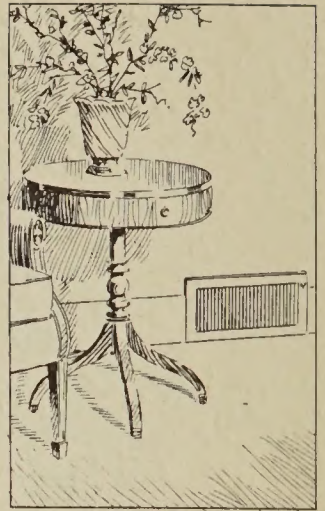


No. 78 Grille offers the same fine appearance as that of the No. 85 Grille shown on a previous page. Their construction is identical with the exception that the bars of the No. 78 are not adjustable, and for this reason the latter is somewhat less expensive. For any installation not requiring directional air flow, No. 78 will be found eminently satisfactory.

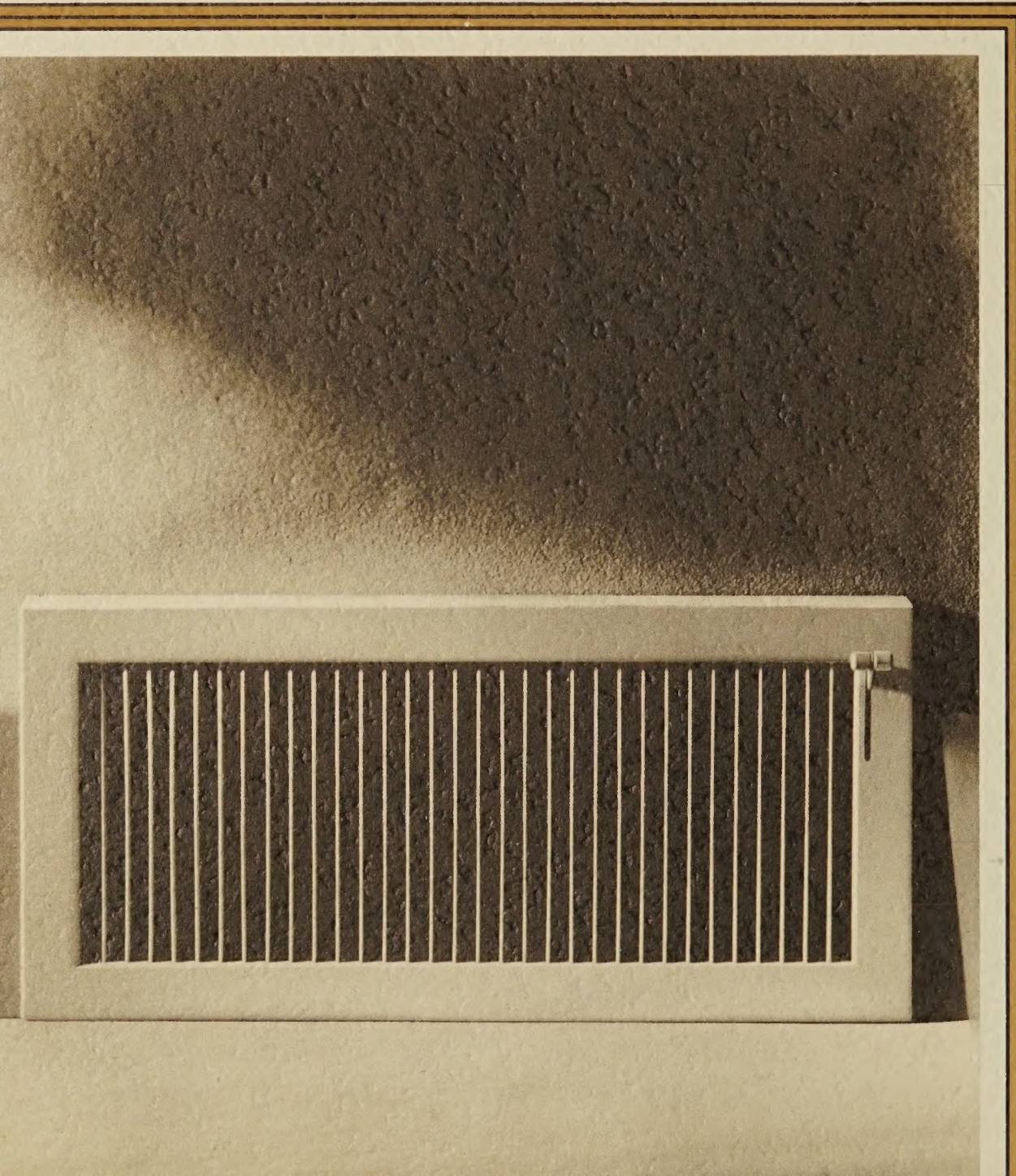
No. 78

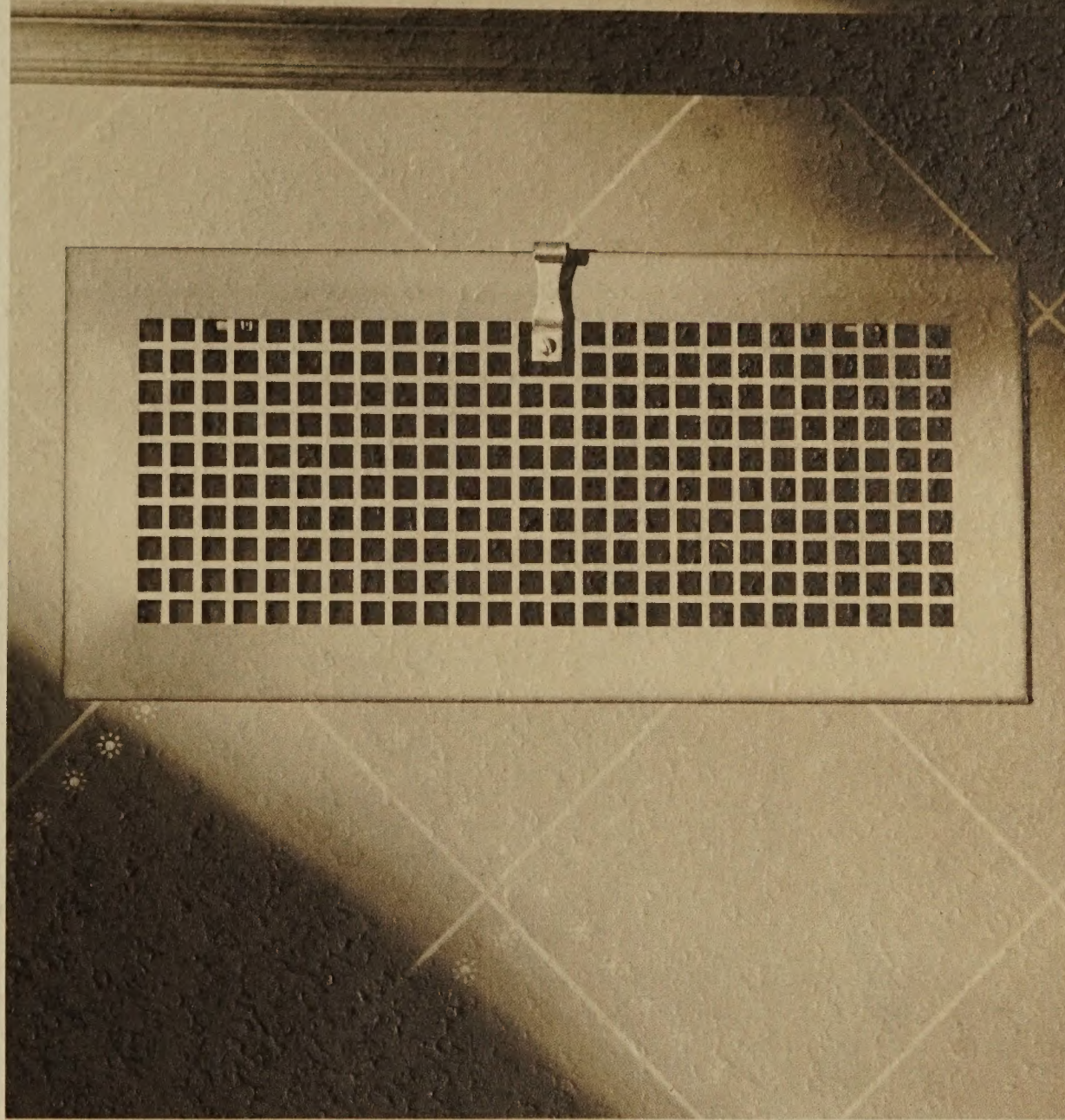


The straight line effect of the No. 77 Grille is very much in keeping with the modern trend in architectural design. The generous depth of the bars, $\frac{3}{8}$ -inch, and close spacing, result in excellent concealment of the duct opening. A very satisfactory grille for installations where directional air flow is not required.

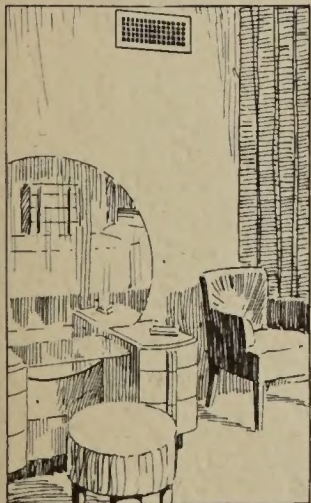


No. 77



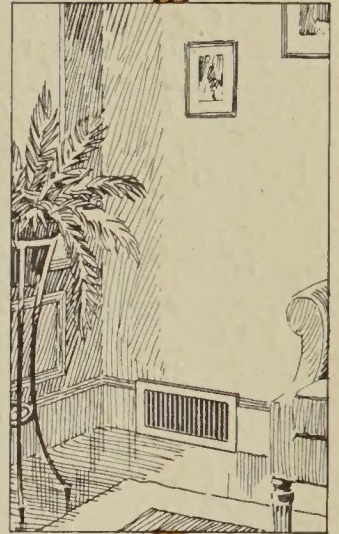


No. 71

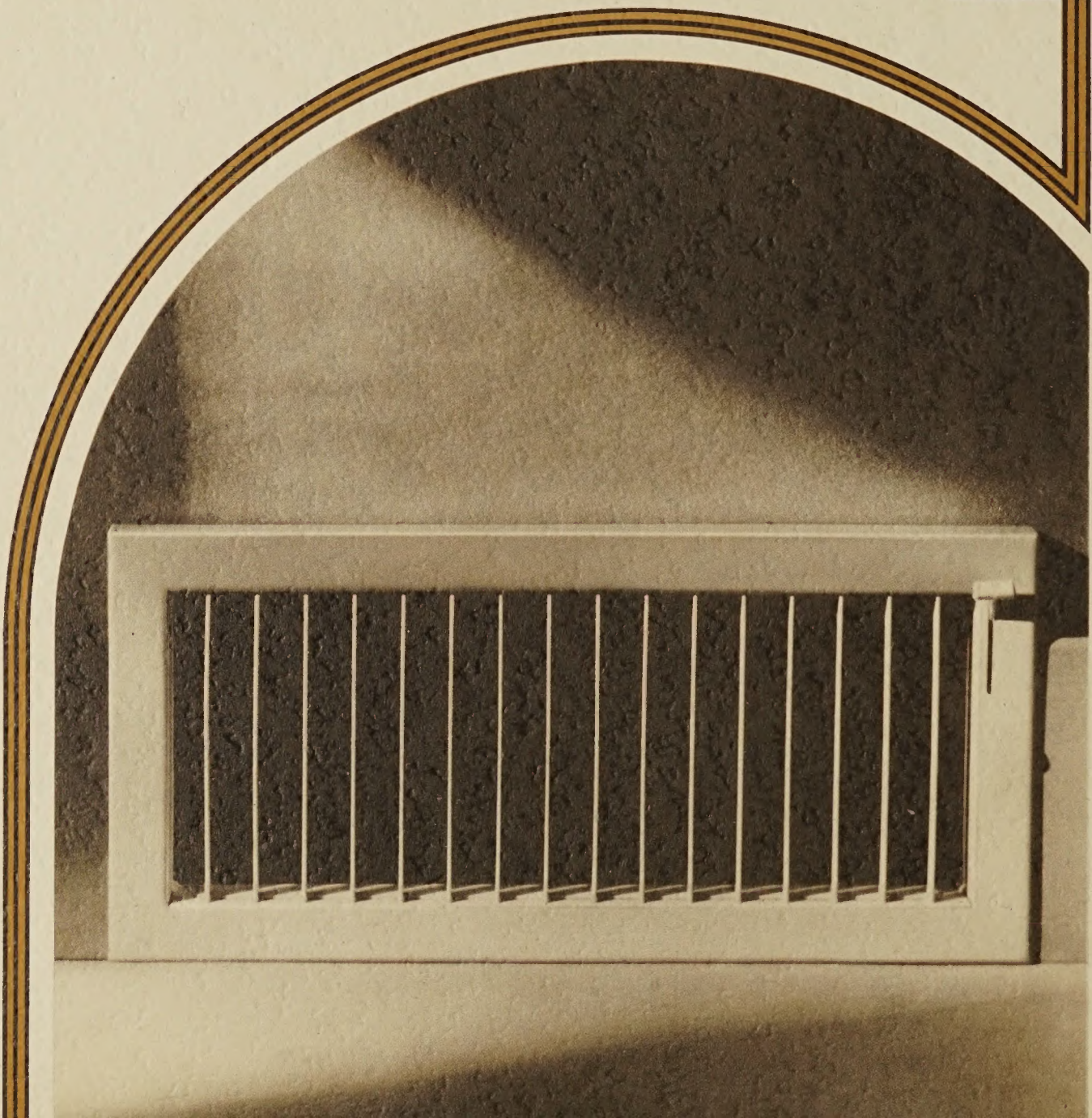


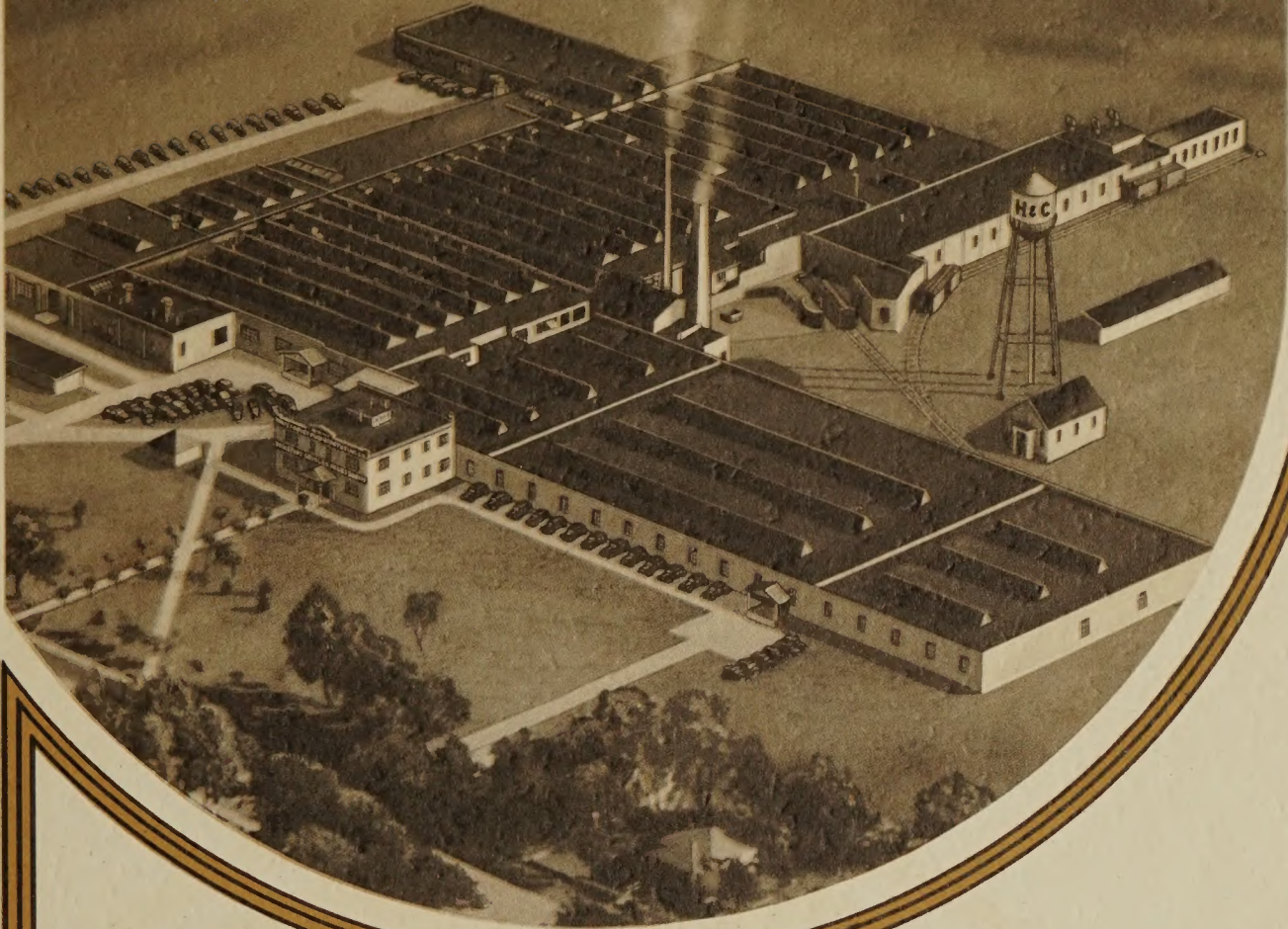
This simple lattice design blends quietly into almost any scheme of interior decoration. The openings are $\frac{3}{8}$ -inch square — small enough to conceal the duct effectively, yet not so small as to build up excessive resistance. A very satisfactory, modestly priced grille suitable for any installation not requiring directional air flow. No. 71 can also be used to very good advantage as a return air intake regardless of the type of grille used for incoming air.

In its sheer simplicity, No. 72 Grille presents a pleasing appearance in room interiors where walls and furnishings incline to straight line treatments. Though modestly priced, No. 72 Grille incorporates the same fine construction and quality materials to be found in all H & C Grilles and is thoroughly suitable for any installation not requiring directional flow.



No. 72





Holland, Michigan, Plant of the
HART & COOLEY MANUFACTURING CO.

MECHANICALLY, H & C Air Conditioning Grilles are as excellent as exhaustive research, thorough engineering, and the facilities of the largest and most modern plant in the industry can make them.

Typical of their high grade construction is the sponge rubber gasket (Figure 1) with which all H & C Sidewall Grilles are furnished. This gasket affords the ultimate precaution against air leakage between grille and wall.

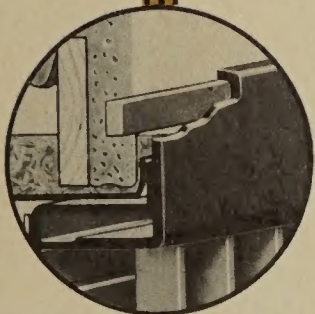


Fig. 1

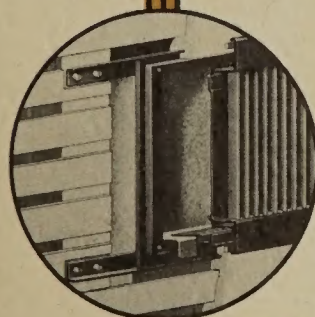


Fig. 2

Figure 2 illustrates the advanced engineering displayed in the 3-piece Sidewall Frame, for use in new homes. This frame is provided with rigid extension arms which are attached to the studs before the lath and plaster are applied. The ductwork is clamped to the frame by means of a removable flange; and, since the frame has a positive plaster lock which prevents the plaster from breaking away from the frame, a very solid, neat and permanent installation is insured. The grille itself is installed after the plastering is completed and conceals the joint between the plaster and the frame.

Equal care is exercised in every detail of manufacture of H & C Grilles, and for this reason Air Conditioning Engineers take pride in giving them their unqualified endorsement.

